



NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): Truman State University

Program Title: Master of Athletic Training

Degree/Certificate: Master of Athletic Training (MAT)

Options:

Delivery Site(s): Truman State University, Kirksville, MO

CIP Classification: 510913

*CIP code can be cross-referenced with programs offered in your region on MDHE's program inventory higher.ed.mo.gov/ProgramInventory/search.jsp

Implementation Date: July 2017

Cooperative Partners: None.

*If this is a collaborative program, form CL must be included with this proposal

AUTHORIZATION:

Dr. Troy Paino/President

Name/Title of Institutional Officer

Signature

Date

1/23/16

Dr. Janet Gooch

660-785-4383

Person to Contact for More Information

Telephone

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Form PG – Program Characteristics and Performance Goals



Rationale for the Program

Truman is transitioning the program from an existing bachelor's-level degree to a master's-level degree. The rationale for the transition of athletic training degree levels stems from an announcement by the Commission on Accreditation of Athletic Training Education (CAATE) in June of 2015, mandating that all undergraduate athletic training degrees must transition to a master's-level degree. The master's-level degree will be the **minimal** degree for certification as an athletic trainer.

Justification: Since 1950, athletic trainers have been providing health care services to professional, college, high school, and the physically active populations. Currently, athletic trainers have emerged into the clinical, hospital, occupational, military, performing arts, physician extender, and public safety settings. The national certification for athletic trainers is obtained through the Board of Certification (BOC) from an accredited Athletic Training Program at the undergraduate and/or the master's level. This proposed professional level MAT degree in athletic training would be only one of two current programs in the State of Missouri.

STUDENT ENROLLMENT PROJECTIONS

Year	1	2	3	4	5
Full Time	8	18	20	40	40
Part Time	0	0	0	0	0
Total	8	18	20	40	40

Please provide a rationale regarding how student enrollment projections were calculated:

Enrollment projections were calculated by considering enrollment at Master of Athletic Training programs in the surrounding geographical area, inferences that can be logically drawn from existing undergraduate enrollment, and the maximum number of students who can be appropriately served by qualified personnel. Table 1 shows enrollment trends in Master of Athletic Training programs in the surrounding geographical area.

Table 1. Institution Enrollment in Master of Athletic Training Program

School	State	Student Enrollment				Preceptors	Graduate Assistants
		2013-2014	2012-2013	2011-2012	2010-2011		
Adrian College	MI	1	7	4		16	
Manchester University	IN		5	4	2		
Montana State University	MT	7	10	9		3	

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North Dakota State University	ND	8	5	4		6	6
St Louis University	MO		15	4	8		
University of Arkansas	AR	13	15		13	15	8
University of Central Oklahoma	OK		6	9	10		
University of Findley Ohio	OH	8	10	8		5	
University of Nebraska-Omaha	NE	8	6	8		6	
University of Tennessee-Chattanooga	TN	20	16	14		5	4

Because the national accrediting body in Athletic Training is mandating that programs phase-out their baccalaureate programs in the discipline and make the MAT the entry-level degree in the field, Truman can make intuitive projections based on current undergraduate enrollment. The current undergraduate program at Truman can accommodate a maximum of ten students in each cohort or class. The MAT program would last two years, so the cohort or class numbers were doubled to reflect the number of students in the pipeline to completion at any given time.

These numbers are also based on the maximal number of students one preceptor may supervise as outlined by the national accrediting body. Accreditation standards recommend a maximum of eight students per preceptor. With five clinical preceptors (clinical supervisors, and licensed in their healthcare profession) currently on staff, the maximum number of students the program could accommodate would be 40.

On average, the program has one student transfer to another major by his/her junior year in the program. With a master's program, we do not anticipate this retention issue since the students will have their career path finalized. The first years of the program would be building years so the enrollment numbers may not reach program capacity. Program enrollment numbers will be evaluated each year to determine if any changes need to be made, such as an increase in the number of preceptors. In 2010, athletic training was made an official major instead of a concentration area. Since being declared a major, the athletic training major enrollment has steadily increased.

Number of Athletic Training Undergraduate Degrees Granted at Truman State University

Year	2014	2013	2012	2011
Student Totals	8	4	2	2

During the Spring 2015, semester, there were a total of 32 students enrolled in the Truman State University Athletic Training Program.

2015 Cohorts	Seniors	Juniors	Sophomores	Freshmen (Spring)
Student Totals	8	7	8	9

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With the increased visibility of a Master of Athletic Training, the program is projected to reach its maximum enrollment capacity before 2020. There will be no part-time students in the MAT program.

Provide a rationale for proposing this program, including evidence of market demand and societal need supported by research

Market Demand-National, state, regional, or local assessment of labor need for citizens with these skills:

The national need for certified athletic trainers is illustrated by the number of positions advertised each month on the National Athletic Trainers' Association web site. On average, about 300 new jobs are posted on this site each month. One third of all athletic trainers are employed in secondary or higher education. The employment opportunities within these areas in the state and local community are excellent. To date, there are only 549 licensed athletic trainers in Missouri. With 571 high schools and at least 34 universities and colleges that support athletic teams, there are not enough athletic trainers to provide care for the athletes in these settings. Hospitals, rehabilitation clinics, and fitness centers show similar trends. Locally, only seven certified athletic trainers serve Adair County (including Truman State University) and the seven surrounding counties. Based on the January 2015 edition of the NATA News, an athletic trainer with a Master's degree has an average annual salary of \$54,660 compared to \$49,719 for those with a Bachelor's degree. According to the NATA membership database (2015), about 70% of certified athletic trainers hold a Master's degree or higher. The job outlook for the athletic training profession is impressive. According to the U.S. Bureau of Labor's 2013-2014 Occupational Outlook Handbook, employment of athletic trainers is expected to increase by 31% or more over the next ten years. In 2012, the United States Department of Labor reported athletic trainers to have about 22,000 jobs with 25% of those being at the college or high school level. Truman State University's undergraduate program has already demonstrated success with students gaining employment or entrance into graduate school after obtaining the B.S. degree in athletic training. The conversion to a more rigorous MAT degree will enhance the appeal of Truman State University and the athletic training program. We anticipate the majority of students would enter employment after graduation from Truman State University. As of May 2014, 88% (7 of the 8 graduates) of the 2014 B.S. graduates entered a graduate studies program to pursue a Master's degree related to athletic training.

Societal Need

General needs which are not directly related to employment –

Athletic trainers provide a cost-effective way to increase the number of health professionals in our society. According to the Department of Labor's web site "the demand for health care workers should grow dramatically as the result of advances in technology, increasing emphasis on

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preventive care, and an increasing number of older people who are more likely to need medical care.”

At the completion of the program, students would be eligible to sit for the BOC exam for national certification. The mission of Truman State University’s proposed entry-level (professional level) MAT program is to: 1) prepare students to pass the Board of Certification exam; 2) provide students, through a program of progressive clinical experiences, the skills necessary to perform the duties of a certified athletic trainer; 3) furnish students with the clinical and academic skills to work in the variety of venues employing certified athletic trainers and/or pursue post-graduate education; and, 4) prepare students who are proficient in all of the content areas designated by the NATA competencies. The Entry Level/Professional graduate program will be characterized by advanced systematic study and didactic experience gained during courses and clinical rotations. Currently, the Health and Exercise Sciences department offers a 120 hour B.S. degree in Athletic Training. On average, eight students per academic year have graduated with a B.S. in athletic training. The proposed MAT in Athletic Training would be a new program that would replace the existing degree. The content from the very successful B.S. program would be revised to create a prosperous MAT degree program. We will make several clinical and didactic changes to enhance the quality of educational experiences for students including adding a strong focus on research into the curriculum. We believe there is a strong need for a MAT degree in Athletic Training at Truman State University to meet the changing demands of the profession and the University.

In December of 2013, the National Athletic Trainers’ Association (NATA) published a white paper recommending a Master’s degree as the entry-level degree for the profession. This paper cited 11 key reasons including: enhanced retention, improved salaries, improved quality of medical care, professionals who are better prepared for contemporary practice and greater efficiency in the educational system. In June of 2015, the Strategic Alliance in conjunction with the CAATE announced the decision to transition the minimum athletic training degree to a master’s level. This plan is to become effective by the year 2022. Truman State University has decided to make this transition early to become an established and well-recognized professional master’s level program before the mandatory switch. With the degree change, the students who would originally be seeking an undergraduate athletic training program will now be searching for a master’s program.

Program Duplication and Collaboration

Truman State University’s MAT program will not offer the degree in collaboration with any other institution. In the MAT program design, Truman State University will collaborate in the learning *process* with other area programs (such as the medical and dental schools at neighboring AT Still University). The University will not collaborate with any other institution in conferring the degree. In the State of Missouri, to date, only one professional level master’s degree in athletic training exists.

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C. General education: Total credits: 0

[illegible]

Course Number	Credits	Course Title
AT 610G	3	Introduction to Athletic Training
AT 618G	2	Emergency Care Procedures
AT 615G	1	Bracing, Wrapping, and Taping Techniques
AT 619G	2	Athletic Training Clinical 1
AT 620G	3	Therapeutic Modalities
AT 622G	3	Athletic Training Evaluation – Lower Extremity
AT 629G	2	Athletic Training Clinical 2
AT 637G	1	Advanced Topics in Athletic Training I
AT 632G	1	Interprofessional Leadership in Athletic Training
AT 639G	2	Athletic Training Clinical 3
AT 649G	2	Athletic Training Field Experience
AT 650G	3	Therapeutic Exercise and Rehabilitation Techniques
AT 655G	3	General Medical Conditions in Athletic Training
AT 659G	2	Athletic Training Clinical 4
AT 660G	2	Pharmacological Issues in Athletic Training
AT 669G	2	Athletic Training Clinical 5
AT 663G	2	Athletic Training Seminar

Form PG – Program Characteristics and Performance Goals



AT 636G	3	Athletic Training Evaluation – Upper Extremity
AT 630G	3	Evidence Based Research Methods in Athletic Training
AT 635G	3	Athletic Training Administration
AT 665G	3	Psychology of Sport and Injury Rehabilitation
AT 657G	2	Advanced Topics in Athletic Training II
AT 657G	3	Master's Research in Athletic Training
AT 625G	1	Functional Anatomy and Movement
ES 501G	3	Advanced Exercise Physiology
ES 505G	3	Advanced Biomechanics

E. Free elective credits:

0

(Sum of C, D, and E should equal A.)

F. Requirements for thesis, internship or other capstone experience:

Students will register for three credit hours and complete a Master's Research project. This project will be submitted for presentation at the university level during the student's final semester of enrollment. During the Athletic Training Seminar course (similar to a capstone course), students will be required to register and take the Board of Certification exam (national certification test).

G. Any unique features such as interdepartmental cooperation:

Two courses are currently offered through the Exercise Science program. The MAT program will utilize those classes since the content is crucial to the program.

In the AT 632G (Interprofessional Leadership in Athletic Training) course, athletic training students will collaborate with nursing students, dental students, medical students, communication disorder students, and health students to complete a community service project of providing supervised care to a local resident. The course is designed so students from these different allied health professions can learn about current topics that relate to each profession. This collaboration also prepares the students to function effectively in future models of collaborative and professional medicine.



PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Institution Name Truman State University
Program Name Master of Athletic Training
Date January 6, 2016

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

1. Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

Admission: Students must meet Truman State University's general requirements for graduate admission to be considered for admission into the Truman State University's MAT program. The program will have an admissions process in addition to the University requirements. Applicants will send their application materials to Truman State University's Graduate Office. Since the MAT program will be accredited by the CAATE, the program will have applicants provide all of the accrediting body's required material. Truman State University's MAT program will require:

- Evidence of good health -- as evidenced by a physical exam
- Ability to meet the technical standards of an active health care professional (signed technical standards form)
- Proof of vaccinations (completed immunizations form)
- 75 observation hours signed by a certified athletic trainer completed within the last 12 months of the application
- Submit a GRE score
- Submit 3 letters of recommendation
- Pay the application fee
- Submit the Truman State University Graduate Studies application
- Copy of current certification in CPR and First Aid for the Professional Rescuer
- Minimum of 3.0 overall undergraduate GPA or 3.0 GPA on last 60 credit hours of the undergraduate degree
- Completed background check
- Completion of pre-requisite courses with a "C" or better (transcripts required for all non-Truman State University undergraduate applicants):
 - Nutrition
 - Biomechanics
 - Exercise Physiology
 - Human Anatomy with lab (4 credit hours)
 - Human Physiology with lab (4 credit hours)

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- General Psychology course (3 credit hours)
- Statistics

All of the forms and application packet will be located on the general Truman State University Athletic Training web site as well as the Graduate Studies website.

- Characteristics of a specific population to be served, if applicable.

The specific population to be served will be students with a Bachelor's degree who meet the prerequisite and application requirements.

2. Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.

All clinical faculty will have a minimum of a Master's degree in athletic training or related field of study, have a minimum of two years professional experience, and be a certified athletic trainer licensed in the state. All full-time academic faculty will have a terminal degree and be a certified athletic trainer licensed in the state.

- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.

Full time faculty will teach approximately 67% of the courses in the program. Full time faculty is defined as those who are 100% academic status with no other obligations (such as athletics). Thirty-three percent of the courses will be taught by faculty, who have split positions with responsibilities in the athletic training department and academics.

- Expectations for professional activities, special student contact, teaching/learning innovation.

All faculty (clinical and academic) are expected to remain in "good" standing with the University. The faculty teaching the core courses (AT prefix), are expected to remain in "good" standing with the BOC and be licensed by the state. All athletic training faculty are to maintain their BOC certification by completing yearly continuing education units as mandated by the BOC organization (self-reporting every 2 years). The athletic training staff will not only teach in the classroom but in the clinical settings and through practical field experiences.



3. Enrollment Projections

- Student FTE majoring in program by the end of five years.

40

- Percent of full time and part time enrollment by the end of five year

100% of the students enrolled will be full time and 0% of the students enrolled will be of part time-status.

4. Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.

At three years after implementation, the number of graduates is projected to be 20 students. At five years after implementation, the number of graduates from the program is projected to be 20.

- Special skills specific to the program.

Students will be prepared and eligible to sit for the Board of Certification (BOC) exam in their final semester. Students will be taught the special skills of the athletic training profession and pass the competencies specified by the governing organization.

- Proportion of students who will achieve licensing, certification, or registration.

One hundred percent of the students are projected to receive national certification by passing their BOC exam, which will allow for eligibility for individual state certification.

- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.

It is projected that 100% of students from this program will pass the Board of Certification (BOC) exam. It is also projected that 80% of the students from the Truman State University MAT program will pass the BOC exam on the first attempt. The BOC exam is the national certification exam required to become a certified athletic trainer. No individual may practice athletic training or identify themselves as a certified athletic trainer without passing this exam.

- Placement rates in related fields, in other fields, unemployed.

It is estimated that 100% of the graduates will find employment in the field of athletic training or an allied health profession.

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- Transfer rates, continuous study.

We do not expect any student to transfer from the MAT program. The MAT may have some students who choose to pursue a terminal degree after graduating from Truman State University.

5. Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide a rationale.

Truman State University plans to apply for national accreditation from the Commission on Accreditation of Athletic Training Education (CAATE) – the national governing body of the Athletic Training Education programs. Currently, the undergraduate athletic training program is nationally accredited by the CAATE organization. This accreditation will occur prior to the MAT program's first day of classes. The University submitted a letter of intent to the CAATE in August of 2015. The application fee will be billed to the University in the spring semester of 2016 from the CAATE organization. The formal application will be due to the CAATE by April 1, 2016 and submitted on eAccred (online reporting program), located on the CAATE website.

6. Alumni and Employer Survey

- Expected satisfaction rates for alumni, *including timing and method of surveys.*

The MAT program will have graduates complete a satisfaction survey at the end of the program. The survey will be completed online.

- Expected satisfaction rates for employers, including timing and method of surveys.

The MAT program will partner with the University Advancement to send formal online surveys to employers one year after the student graduates.

7. Institutional Characteristics

- Characteristics demonstrating why your institution is particularly well-equipped to support the program.

Truman State University is well-equipped to support the MAT program since the institution already houses a successful undergraduate program of similar size. The institution currently employs staff, who are knowledgeable to teach the material. To date, only one professional level master's in athletic training program is located in the state of Missouri. The institution is able to provide a quality, hands-on learning environment where students can practice the skills learned in the classroom on live subjects. Students will have clinical rotations under the direct supervision of a certified athletic trainer, with a variety of sports, exposing them to different injuries. The institution also has the resources to allow students to participate in clinical rotations off campus widening their learning experiences. Truman State University will offer valuable didactic and clinical experiences with small, personal class sizes. A "uniqueness" of Truman is the potential

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for growth. The location of the program will allow for expansion of the number of students enrolled and the experiences offered. Students will also have the opportunity to collaborate with other healthcare students from the local medical and dental schools to learn the benefits of working as a team for patient care. Truman State University has a long standing reputation of having a strong athletic training program.

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Form NP – New Program Proposal

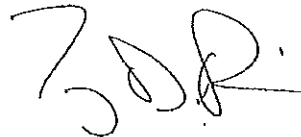
NOTICE OF MEETING
Board of Governors, Truman State University
Saturday, December 5, 2015

The Board of Governors for Truman State University will hold a meeting on Saturday, December 5, 2015, beginning at 1:00 p.m. The meeting will be held in the Conference Room (3000) of the Student Union Building located on the University campus in Kirksville, Missouri, and the public is invited to attend.

The tentative agenda for the meeting is attached to this notice. Items O, P, Q and R on the attached agenda are eligible for consideration in closed session under the provisions of Section 610.010 thru 610.030 of the Revised Statutes of Missouri, commonly known as the Open Meetings Law. During the open session of the meeting, the Board of Governors will select the items of business to be conducted in closed session and will state its reasons for considering such items in closed session.

Persons with disabilities who may need assistance for the meeting should contact the President's Office at Truman State University (200 McClain Hall or by telephone 660-785-4100).

Dated this 30th day of November, 2015.



Troy D. Paino
President of the University

TENTATIVE AGENDA
Board of Governors, Truman State University
Saturday, December 5, 2015

- 8:30 a.m. Board of Governors Board Policy Review Committee Meeting
Room 3204, Student Union
(Governors Potter, Burkemper, Cozette, Haber, Plassmeyer and O'Donnell)
- 9:30 a.m. Board of Governors Academic and Student Affairs Committee Meeting
Room 3201, Student Union
(Governors Cozette, Bonner, Kochanski and O'Donnell)
- 9:30 a.m. Board of Governors Finance and Auditing Committee Meeting
Room 3202, Student Union
(Governors Burkemper, Potter, Zito and O'Donnell)
- 10:30 a.m. Board of Governors Budget and Capital Projects Committee Meeting
Room 3203, Student Union
(Governors Plassmeyer, Haber, LaBeth and O'Donnell)
- 11:30 a.m. Holiday Board Luncheon, University Residence
- 1:00 p.m. Open Session of Board of Governors Meeting
Conference Room, Student Union Building
- ITEM A Call to Order and Chair Report
 - ITEM B Minutes for Open Session of Meeting on October 9, 2015
 - ITEM C Selection of Officers for 2016 Calendar Year
 - ITEM D Board Committee Appointments for 2016 Calendar Year
 - ITEM E President's Report
 - ITEM F Annual Enrollment Management Report
 - ITEM G Advancement Report
 - ITEM H Finance and Auditing Committee Report
 - ITEM H.1 Financial Report
 - ITEM I Academic and Student Affairs Committee Report
 - ITEM I.1 Resolution Amending Sections 5.010.1 and 5.010.2 of the Code of Policies of the Board of Governors—Academic Degrees and Academic Programs
 - ITEM J Budget and Capital Projects Committee Report
 - ITEM J.1 Construction Projects Report
 - ITEM J.2 Contracts for Construction Projects and Equipment Purchases Report
 - ITEM J.3 Equipment Purchase
 - ITEM J.4 Housing and Food Plan Charges
 - ITEM J.5 2008 Housing System Bond Advance Refunding
 - ITEM J.6 Naming Opportunity
 - ITEM K Board Policy Review Committee Report
 - ITEM K.1 Resolution Amending Section 14.120 of the Code of Policies of the Board of Governors—Limitation of Gifts
 - ITEM K.2 Resolution Amending Section 15.020 of the Code of Policies of the Board of Governors—Amorous Relationships

- ITEM K.3 Resolution Amending the Code of Policies of the Board of Governors
Pertaining to the Title of Dean of Student Affairs
- ITEM K.4 Resolution Amending Section 10.060.1 of the Code of Policies of the
Board of Governors—Extended Medical Leave
- ITEM L Agenda Items for Future Meetings
- ITEM M Dates for Future Meetings
- ITEM N Agenda Items for Closed Session
- Closed Session of Board of Governors Meeting
- ITEM O Minutes for Closed Session of Meeting on October 9, 2015
- ITEM P Personnel Actions Report
- ITEM P.1 Professional Leaves
- ITEM Q General Counsel Report
- ITEM R Real Estate
- ITEM R.1 Motion to Adjourn

ITEM I.1

Resolution Amending Sections 5.010.1 and 5.010.2 of the Code of Policies of the Board of Governors—Academic Degrees and Academic Programs

DESCRIPTION AND BACKGROUND

The Master of Athletic Training (MAT) degree at Truman is a new graduate degree designed to prepare students for the profession of athletic training. The graduate degree program is proposed as the result of an announcement made by the Strategic Alliance including the Commission on Accreditation of Athletic Training Education (CAATE) in June that the minimal degree requirement to become a certified athletic trainer will be a Master's degree beginning in 2022. In order to continue to have an athletic training program at Truman State University, the undergraduate degree must officially transition to a Master's level degree. Given its positive accreditation status, Truman has been given the opportunity to begin the transition before 2022 and thus, will be on the forefront of this required change. The undergraduate athletic training program will be phased out and end once the final incoming class in August of 2016 has graduated. The MAT program will begin in July of 2017. For three years, the two programs will take place simultaneously, but students will not take the same classes.

The MAT program will prepare students to sit for the Board of Certification exam to become certified athletic trainers. The main components of the program include: 1) advanced coursework in the assessment and treatment of injuries; 2) advanced clinical practicum experiences with a diverse athletic and active population; 3) a sequence of major projects that provide opportunity for students to demonstrate knowledge and expertise through both oral and written presentation; and 4) attendance at professional activities and conferences to promote the athletic training profession. The Truman State University MAT program is characterized by high academic and professional standards, close collaboration between students and faculty, and professional preparation.

The MAT program at Truman State University projects cohort sizes each academic year of 20 students. Accreditation standards allow a maximum of eight students per preceptor. With five clinical preceptors (licensed healthcare clinical supervisors) currently on staff, the maximum number of students the program could accommodate would be 40. With the increased visibility of a Master of Athletic Training, the program is projected to reach its maximum enrollment capacity before 2020. There will be no part-time students in the MAT program.

Each semester students will be required to complete clinical hours. The curriculum is designed to allow students to apply classroom knowledge to field experiences beginning in their first semester of enrollment. Clinical hours will be completed at Truman State University approved clinical sites.

Truman State University plans to apply for national accreditation from CAATE, the national governing body of the Athletic Training Education programs. Currently, the undergraduate athletic training program is nationally accredited by the CAATE organization. This accreditation will occur prior to the MAT program's first day of classes. The University submitted a letter of

intent to the CAATE in August of 2015. The formal application will be due to the CAATE by August 1, 2016.

RECOMMENDED ACTION

BE IT RESOLVED that Section 5.010.1 of the Code of Policies of the Board of Governors of Truman State University entitled Academic Degrees be amended by the addition of the following graduate degree:

M.A.T. Master of Athletic Training

BE IT RESOLVED that Section 5.010.2 of the Code of Policies of the Board of Governors of Truman State University entitled Academic Programs be amended by the addition of the following graduate program:

Athletic Training, M.A.T.

BE IT FURTHER RESOLVED that the adoption of such degree/program be subject to the approval of the Coordinating Board for Higher Education.

Moved by	Cheryl J. Cozette
Seconded by	Susan Plassmeyer
Vote: Aye	7
Nay	0

ATTACHMENT

Master of Athletic Training (MAT) Proposal

December 5, 2015

About the Professional Master of Athletic Training Degree

The Master of Athletic Training (MAT) degree at Truman is a new graduate degree designed to prepare students for the profession of athletic training. The graduate degree program is proposed as the result of an announcement made by the Strategic Alliance including the Commission on Accreditation of Athletic Training Education (CAATE) in June that the minimal degree requirement to become a certified athletic trainer will be a Master's level degree beginning in 2022. Truman should be on the forefront of this change and transition immediately so as not to fall behind competing institutions.

The program is designed to accept cohorts for a July start with graduation in two years or six semesters including summer terms. The MAT program consists of 60 credit hours that are designed to meet the National Athletic Trainers' Association Education Council required competencies. Students will gain practical hands-on experience through the practicum courses each semester. Clinical rotations will be directly supervised by a licensed healthcare provider during on-campus and off-campus clinical rotations. Students will be eligible to sit for the Board of Certification (BOC) exam during their final semester of the program.

The athletic training program at Truman State University officially became a major in 2010 when the CAATE mandated all programs be recognized as a major. Prior to 2010, athletic training was a concentration under the Exercise Science major. Since becoming a major, the program has been extremely successful with consistent enrollment increases. Students from this program in the 2014-2015 academic year had an 88% first time pass rate on the BOC exam. For seven semesters prior to that, the first-time pass rate was 100%. Upon graduating from the program, the majority of the students have entered the athletic training profession through graduate school or moved to work directly in the field.

In order to continue to have an athletic training program at Truman State University, the undergraduate degree must officially transition to a Master's level degree. The undergraduate athletic training program will be phased out and end once the final incoming class in August of 2016 has graduated. The MAT program will begin in July of 2017. For three years, the two programs will take place simultaneously, but students will not take the same classes.

The proposed MAT program is designed to maintain the offering of an athletic training degree at Truman State University as the level of education changes nationally. The Truman State University undergraduate athletic training major has had much success in the past as measured by the BOC first-time pass rate and by job placement rates after graduation. The proposed MAT program will continue this success.

Master of Athletic Training

Mission: It is the mission of the Truman State University professional-level Athletic Training Master's program to develop critically thinking athletic training professionals, who are able to meet the diverse demands of the profession.

Objectives of the Program:

1. To provide students, through a program of progressive clinical experiences, the skills necessary to perform the duties of a certified athletic trainer.
2. To furnish students with the clinical and academic skills to work in the variety of venues employing certified athletic trainers.

3. To prepare students who are proficient in all content areas designated by the National Athletic Trainers Association competencies. The candidate performs the clinical proficiencies designated by the National Athletic Trainers Association competencies essential to athletic training at a professional level.
4. To continue to determine the effectiveness of athletic training course content and clinical experiences.
5. To prepare students to understand the subject matter and create learning experiences.
6. To make subject matter meaningful to the students.
7. To ensure that all program graduates meet the rigorous requirements for obtaining eligibility for the Board of Certification exam.
8. To prepare students for the Board of Certification Exam.
9. To provide academic and clinical experiences, in accordance with program accreditation standards, that prepare graduates to provide comprehensive athletic training program services.
10. To model and promote ethical principles and procedures in the conduct of clinical practice, academic achievement, and research.
11. To model and promote professional values that include a respect for diversity and the importance of lifelong learning.

Special Impact: To date, there is only one accredited professional level graduate athletic training program in the state of Missouri. Truman State University would offer a MAT program to meet the changing national standards and provide students another option for a graduate athletic training program in the state of Missouri.

Curricular Characteristics: The MAT program will accept students for a July 2017 start date. The program will consist of 60 credit hours, which is similar to other athletic training programs of the same degree level. Students will graduate in six academic semesters (including summers). Each semester, students will enroll in the program courses and complete clinical field experience. During the second summer, students will have the opportunity to complete their practicum (clinical field experience) at an approved off-site location. A research project will be completed by the students as part of graduation requirements. During the final spring semester, the students will sit for their Board of Certification exam, which will serve as a national certification exam and the program exit exam.

Distinctive Feature: Truman State University can offer a personalized academic experience for students while instilling the mission of the university. Students will have a hands-on, didactic experience working on patients beginning their first semester of the program, while receiving personalized instruction. Students will be exposed to a variety of research opportunities with the resources at the university.

Other Features: Students who attended Truman State University for their undergraduate degree may take two graduate level courses in Exercise Science that will count towards their MAT degree before earning their bachelor's degree.

Rationale for Addition of a Master of Athletic Training Degree

Overview

The Master of Athletic Training (MAT) degree is proposed as an opportunity for athletic training graduates to earn an advanced degree with field experience in the profession of athletic training. The national accrediting body of the Commission on Accreditation of Athletic Training (CAATE) announced this summer the minimum degree for athletic training programs is to be a Master's level by 2022. Truman State University is choosing to transition to a Master's level beginning July 2017 to create an established program before many other institutions transition. This will be a new program for the institution. The proposed MAT program allows students to complete a degree in the healthcare profession of athletic training. The proposed MAT program is a two year degree with cohorts starting in July and consists of 60 credit hours. The proposed program has admission prerequisites that correspond with the exercise science major, but also allows for easy transfer for those students who earned a bachelor's degree from another institution. Any student who has an earned bachelor's degree, meets the program pre-requisite requirements, and is admitted into the Truman Graduate School will be considered for admission into the MAT program. The proposed MAT program is complementary to Truman State University's mission and its desire for lifelong learning by adding a graduate program for continued education.

Audience

The MAT is intended for anyone with an earned Bachelor's degree, who meets the program pre-requisite requirements, and who is admitted into the Truman State University Graduate studies program. The MAT program is intended for individuals who wish to pursue a profession in the field of athletic training. The coursework will be offered onsite. Clinical hours, under the direct supervision of a licensed healthcare professional, will be obtained at an approved Truman State University MAT program location, either on- or off-campus. Attendance at all class sessions is mandatory for success in the program. Hands-on field experience will be completed each semester enrolled in the program. Students are expected to have reliable transportation to attend off-site clinical rotations. Students will complete required national competencies during each semester enrolled.

Need

The proposed MAT program meets an emerging and required trend for the educational component of the athletic training profession. The minimum degree for the profession is transitioning to a Master's level and has been made an education requirement by the CAATE. Since the undergraduate athletic training program officially became a major in 2010, enrollment has steadily increased. The national need for certified athletic trainers is illustrated by the number of positions advertised each month on the National Athletic Trainers' Association web site. On average, about 300 new jobs are posted on this site each month. One third of all athletic trainers are employed in secondary or higher education. The employment opportunities within these areas in the state and local community are excellent. To date, there are only 549 licensed athletic trainers in Missouri. With 571 high schools and at least 34 universities and colleges that support athletic teams, there are not enough athletic trainers to provide care for the athletes in these settings. Hospitals, rehabilitation clinics, and fitness centers show similar trends. Locally, only seven certified athletic trainers serve Adair County, including Truman State University and the seven surrounding counties. Based on the January 2015 edition of the NATA News, an athletic trainer with a Master's degree has an average annual salary of \$54,660 compared to \$49,719 for those with a Bachelor's degree. According to the NATA membership database (2015), about 70% of certified athletic trainers hold a Master's degree or higher. The job outlook for the athletic training profession is impressive. According to the U.S. Bureau of Labor's 2013-2014 Occupational Outlook Handbook, employment of athletic trainers is expected to increase by 31% or more over the next ten years. In 2012, the United States Department of Labor reported athletic trainers to have about 22,000 jobs with 25% of those being at the college or high school level. Truman State University's undergraduate program has already demonstrated successful employment or entrance into graduate school for graduates at the conclusion of the B.S. degree in athletic

training. The conversion to a more rigorous academic MAT degree will enhance the appeal of Truman State University and the athletic training program. We anticipate the majority of students would enter employment after graduation from Truman State University. As of May 2014, 88% (7 of the 8 graduates) of the 2014 undergraduates Truman State University's athletic training program entered a graduate studies program to pursue a Master's degree related to athletic training.

Athletic trainers provide a cost-effective way to increase the number of health professionals in our society. According to the Department of Labor's web site "the demand for health care workers should grow dramatically as the result of advances in technology, increasing emphasis on preventive care, and an increasing number of older people who are more likely to need medical care."

At the completion of the program, students would be eligible to sit for the BOC exam for national certification. The mission of Truman State University's proposed Entry-Level (professional level) MAT program is to: 1) prepare students to pass the Board of Certification exam; 2) provide students, through a program of progressive clinical experiences, the skills necessary to perform the duties of a certified athletic trainer; 3) furnish students with the clinical and academic skills to work in the variety of venues employing certified athletic trainers and/or pursue post graduate education; and, 4) prepare students who are proficient in all of the content areas designated by the NATA competencies. The Entry Level/Professional graduate program will be characterized by advanced systematic study and didactic experience gained during courses and clinical rotations. Currently, the Health and Exercise Sciences department offers a 120 hour B.S. degree in Athletic Training. On average, eight students per academic year have graduated with a B.S. in athletic training. The proposed MAT in Athletic Training would be a new program that would replace the existing degree. The content from the very successful B.S. program would be revised to create a prosperous MAT degree program. We will make several clinical and didactic changes to enhance the quality of educational experiences for students including adding a strong focus of research into the curriculum. We believe there is a strong need for a MAT degree in Athletic Training at Truman State University to meet the changing demands of the profession and the university.

In December of 2013, the National Athletic Trainers' Association (NATA) published a white paper recommending a Master's degree as the entry-level degree for the profession. This paper cited 11 key reasons including: enhanced retention, improved salaries, improved quality of medical care, professionals who are better prepared for contemporary practice and greater efficiency in the educational system. In June of 2015, the Strategic Alliance in conjunction with the CAATE announced the decision to transition the minimum athletic training degree to a Master's level. This plan is to become effective by the year 2022. Truman State University has decided to make this transition early to become an established and well-recognized professional Master's level program before the mandatory switch. With the degree change, the students who would originally be seeking an undergraduate athletic training program will now be searching for a Master's program.

Required Coursework for All Participants

Course Number	Credits	Course Title
AT 610G	3	Introduction to Athletic Training
AT 618G	2	Emergency Care Procedures
AT 615G	1	Bracing, Wrapping, and Taping Techniques
AT 619G	2	Athletic Training Clinical 1
AT 620G	3	Therapeutic Modalities
AT 622G	3	Athletic Training Evaluation -- Lower Extremity
AT 639G	2	Athletic Training Clinical 2
AT 637G	1	Advanced Topics in Athletic Training I
AT 632G	1	Interprofessional Leadership in Athletic Training
AT 639G	2	Athletic Training Clinical 3
AT 649G	2	Athletic Training Clinical 4
AT 650G	3	Therapeutic Exercise and Rehabilitation Techniques
AT 655G	3	General Medical Conditions in Athletic Training

AT 659G	2	Athletic Training Clinical 5
AT 660G	2	Pharmacological Issues in Athletic Training
AT 669G	2	Athletic Training Clinical 6
AT 663G	2	Athletic Training Seminar
AT 636G	3	Athletic Training Evaluation – Upper Extremity
AT 630G	3	Evidence Based Research Methods in Athletic Training
AT 635G	3	Athletic Training Administration
AT 665G	3	Psychology of Sport and Injury Rehabilitation
AT 657G	2	Advanced Topics in Athletic Training II
AT 657G	3	Master's Research in Athletic Training
AT 625G	1	Functional Anatomy and Movement
ES 501G	3	Advanced Exercise Physiology
ES 505G	3	Advanced Biomechanics

Each course will be a face to face meeting. The Athletic Training Clinical courses will also require students to complete field experience work under the direct supervision of a licensed healthcare professional. Students will collaborate with other healthcare students from the local medical, dental, and nursing schools to complete case studies during the Interprofessional Leadership in Athletic Training course. As part of the graduation requirement, the MAT program students will be required to complete a graduate research project.

Course Descriptions

AT 610G Introduction to Athletic Training

This course serves as an introduction to the profession of athletic training. Students will become familiar with the roles, functions, and professional preparation of an athletic trainer as well as the history of the profession and its governing structures. Students will be instructed in basic concepts and theories of the profession. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 615G Bracing, Wrapping, and Taping Techniques

In this course, students will learn methods of bracing, wrapping, and taping for athletic and sport needs through didactic and clinical experience. Students will learn the techniques then practice them in a class setting. Students will be checked off for this competency in the class setting. Students will gain knowledge in methods of taping and wrapping for injury care, prevention of injury, and return to play. Students will be exposed to the different brands of bracing, how to properly fit a brace, and their use. Emphasis is placed on evaluation skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 618G Emergency Care Procedures

Students will learn emergency care procedures through didactic and clinical experience. Students are exposed to evidence based procedures for a variety of emergency situations. The course is designed to introduce students to the NATA guidelines for emergency care procedures based on the current position statements. Students will learn about emergency care and appropriate treatments/care to provide in given situations. Students learn how to recognize an emergency situation and the appropriate care that is recommended. Emphasis is placed on the evaluation of competencies approved by the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 637G Advanced Topics in Athletic Training I

This course is designed to provide students the opportunity to examine issues that shape the athletic training profession with an emphasis on practical application and professional development. Students will learn evidence based approaches to skills associated with the athletic training profession. Specific topics covered will vary year to year depending on current issues affecting the athletic training profession. Students will be exposed to

cadaver anatomy as a method of scaffolding learning of evaluation of athletic training content. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 630G Evidence Based Research Methods in Athletic Training

The purpose of this course is to prepare students to become critical consumers of published work, to understand the basic process of performing research in an athletic training setting within the practice domains, and to understand how research contributes to the liberally educated. The course integrates research design principles (variables, validity, etc.) with statistical analysis so the student can see how design and analysis of experiments work in concert to answer questions relevant to the profession of athletic training. The course emphasizes the development of practical knowledge and skill through guided discovery and group process. The development of technical writing skills will be emphasized. Students will understand the PICO development. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 632G Interprofessional Leadership in Athletic Training

Students will learn patient-centered approaches to work with clients in interprofessional teams. Students will learn to work as a team with other professionals. Students will participate in an interprofessional program and discussion groups with other health care students. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 625G Functional Anatomy and Movement

This course investigates the anatomical basis of human movement. The structural component focuses on functional anatomy, which includes the skeletal, articular, and muscular systems as they affect movement. Students will explore the anatomical aspects as they relate to prescribed activities used in strength training, rehabilitation, sports movements, and activities of daily living. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 657G Advanced Topics in Athletic Training II

This course is designed to provide students the opportunity to examine advanced issues that shape the athletic training profession with an emphasis on practical application and professional development. Students will learn evidence based approaches to skills associated with the athletic training profession. Emphasis will be placed on lab reports, imaging results, and evidenced based practices. Specific topics covered will vary year to year depending on current issues affecting the athletic training profession. Students in this course will review the position statements released by the NATA. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 636G Athletic Training Evaluation – Upper Extremity

The purpose of this course is to instruct the students on the proper methods of musculoskeletal evaluation of the upper extremity, thorax, spine, and head. Students will learn the mechanical and physiological basis of injury and injury evaluation techniques. They will be instructed on the proper methods of documentation, patient interview, history, observation, palpation, strength testing, and special tests. Students will acquire skills in the testing of joint laxity and neurological evaluation. Assessment will take place in the form of written examinations and lab practical/injury scenarios. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 622G Athletic Training Evaluation – Lower Extremity

The purpose of this course is to instruct the students on the proper methods of musculoskeletal evaluation of the lower extremity. Students will learn the mechanical and physiological basis of injury and injury evaluation techniques. They will be instructed on the proper methods of documentation, patient interview, history, observation, palpation, strength testing, and special tests. Students will acquire skills in the testing of joint laxity and neurological evaluation. Assessment will take place in the form of written examinations and lab practical/injury scenarios. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE.

AT 665G Psychology of Sport and Injury Rehabilitation

The purpose of this course is to develop a basic understanding of injury and rehabilitation psychology and its applied application to working with both athletic and general population clients. Theoretical understanding of the psychological, social, and environmental mediators and moderators that influence injury susceptibility and adherence to rehabilitation will be emphasized. This course will also emphasize basic assessment and intervention techniques to promote and facilitate adherence within the athletic training environment. Basic counseling and communication skills related to patient interaction and facilitation of recovery will be covered. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 620G Therapeutic Modalities

This course provides students with the knowledge and skills to utilize a variety of therapeutic modalities. Students will acquire a detailed understanding of the psychological and physiological processes of pain and healing. Students will use a problem-based approach to apply theories and techniques of thermal, electrical, mechanical, light, and alternative therapies. The lab aspect will address proficiency in the application of these modalities. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE competencies.

AT 650G Therapeutic Exercise and Rehabilitation Techniques

This course involves the study in the appropriate use of physical rehabilitation for musculoskeletal injuries. Students will acquire a scientific and physiological rationale, selection criteria, indications and contraindications of exercise, and return to activity guidelines. Techniques and skills provided in both classroom and laboratory experiences will address range of motion, strengthening, proprioception, cardiovascular fitness, and joint-specific protocols. Emphasis is placed on evaluation skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE.

AT 619G Athletic Training Clinical 1

This course is designed to give students the opportunity to utilize their classroom knowledge in a practical setting. This course will provide students with the opportunity to apply the skills learned in both lab and clinical settings. This experience will take place at Truman State University approved clinical sites. Students will demonstrate their skills relating to taping, emergency procedures, and equipment. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education. This course is designed to give students the opportunity to utilize their classroom knowledge in a practical setting.

AT 639G Athletic Training Clinical 2

This course is designed to give students the opportunity to utilize their classroom knowledge in a practical setting. This course is designed to be taken following AT 619G, Athletic Training Clinical 1. This course will provide students with the opportunity to apply the skills learned in both lab and clinical settings. This experience will take place at Truman State University approved clinical sites. Emphasis is placed on the

evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE. Content in this course will include the Master's research project.

AT 639G Athletic Training Clinical 3

This course is designed to give students the opportunity to utilize their classroom knowledge in a practical setting. This course is designed to emphasize the competencies and proficiencies taught in Evaluation of Lower Extremity. This experience will take place at Truman State University approved clinical sites. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education. Content in this course will focus on the Master's research project.

AT 649G Athletic Training Clinical 4

This course is designed to give students the opportunity to utilize their classroom knowledge in a practical setting. This course is designed to be taken in conjunction with Injury Evaluation-Upper Extremity and Therapeutic Modalities. This course will provide students with the opportunity to obtain directed experience involving therapeutic modalities and injury evaluation while in an athletic setting. This experience takes place in lab and clinical settings. The clinical experience takes place at Truman State University approved clinical sites. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education. Content in this course will focus on the Master's research project.

AT 659G Athletic Training Clinical 5

This course is designed give students the opportunity to utilize their classroom knowledge in a practical setting. This course is designed to be taken in conjunction with Therapeutic Exercise and Rehabilitation Techniques and General Medical Conditions. This course will provide students with the opportunity to obtain directed experience involving injury rehabilitation while in an athletic setting. This experience will take place in lab and clinical settings. The clinical experience will take place at Truman State University approved clinical sites. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE. Content in this course will focus on the Master's research project.

AT 669G Athletic Training Clinical 6

This course is designed to give students the opportunity to utilize their classroom knowledge in a practical setting. This course is designed emphasize the competencies and proficiencies taught in Pharmacology in Athletic training, Sport and Injury Psychology, and Advanced Topics in Athletic Training. This course will provide students with the opportunity to obtain directed experience involving specific Athletic Training issues. This experience will take place at Truman State University approved clinical sites. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE. Content in this course will focus on the Master's research project.

AT 635G Athletic Training Administration

This course provides students the knowledge and skills necessary for the administration of an athletic training program. Course content will include administrative components of athletic training, physical exams, legal issues, emergency planning, record keeping, athletic training facility design, and administrative/leadership skills. Professional development and the role and structure of the National Athletic Trainers' Association (NATA) are also discussed. Students will examine position statements published by the NATA in this course. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 655G General Medical Conditions in Athletic Training

This course addresses general medical issues commonly found in the field of athletic training. Students will be exposed to topics including dermatology, neurological disorders, pulmonary disease, respiratory infections, viral infections, autoimmune disorders, oncology, gastrointestinal conditions, and sexually transmitted infections. A significant portion of the course is to the diagnostics and recognition of the signs and symptoms of the preceding medical conditions. A laboratory portion will address proficiency with various diagnostic instruments, including an ophthalmoscope, otoscope, and stethoscope. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated by the National Athletic Trainers' Association and published by the Commission on Accreditation of Athletic Training Education.

AT 660G Pharmacological Issues in Athletic Training

This course addresses general medical and pharmacological issues generally found in the field of athletic training. Students will be exposed to topics including drug interactions to treat the following common conditions and areas seen in athletic situations: dermatology, neurological disorders, pulmonary disease, respiratory infections, viral infections, autoimmune disorders, oncology, gastrointestinal conditions, and sexually transmitted infections. A significant portion of the course is also dedicated to pharmacology and various medications used to treat the preceding medical conditions. Students will be exposed to the knowledge of drug interactions, length of effects, side effects, indications and contraindications of common medications. Emphasis is placed on the evaluation of skills and knowledge as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

AT 657G Master's Research in Athletic Training

The Athletic Training Master's program is based on developing students' knowledge, skills, and abilities in the profession as determined by the Commission on Accreditation of Athletic Training Education competencies. In this course, students will execute a project designed to expand the students' knowledge of athletic training by working with a mentor (student's choice). The student will devise a research topic related to a domain in athletic training and conduct a research study. Students will present the mentor with a research paper that is to be submitted at a state, district, or national conference for a poster or oral presentation.

AT 663G -- Athletic Training Seminar

The purpose of the Athletic Training seminar is to assess the students' mastery of knowledge and skills in athletic training, prepare the students for their careers, and invite self-assessment. The course utilizes a case study that will cover all domains of athletic training and demonstrate interdisciplinary connections, exams (written and simulation) over each domain. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the Commission on Accreditation of Athletic Training Education.

ES 505G Advanced Biomechanics

Students are introduced to the principle mechanical analysis of sport activities. Students will be taught a scientific and applied approach to analysis of human movement. Emphasis is placed on evaluation of skills as defined by the clinical proficiencies delineated and published by the Education Council of the National Athletic Trainers' Association and the CAATE. Course Overview: This course is an introduction to research in biomechanics. The objective is to enable the student to more effectively analyze and teach motor skills by examining issues in biomechanics as a topic/tool and by employing and evaluating bibliographic and technological materials and methods.

ES 501G Advanced Exercise Physiology

Students will gain knowledge in the fundamental physiological processes related to exercise stress on the body. Emphasis is on integrating systems and organs into a functional whole. Laboratory experiences provide experience in evaluating exercise stress by modern methods and equipment. Emphasis is placed on the evaluation of skills as defined by the clinical proficiencies delineated by the Education Council of the National Athletic Trainers' Association and the CAATE.

Description and Background

The MAT program will prepare students to sit for the Board of Certification exam to become certified athletic trainers. The main components of the program include: 1) advanced coursework in the assessment and treatment of injuries; 2) advanced clinical practicum experiences with a diverse athletic and active population; 3) a sequence of major projects that provide opportunity for students to demonstrate knowledge and expertise through both oral and written presentation; and 4) attendance at professional activities and conferences to promote the athletic training profession. The Truman State University MAT program is characterized by high academic and professional standards, close collaboration between students and faculty, and professional preparation.

The MAT program at Truman State University projects cohort sizes each academic year of 20 students. Accreditation standards allow a maximum of eight students per preceptor. With five clinical preceptors (licensed healthcare clinical supervisors) currently on staff, the maximum number of students the program could accommodate would be 40. With the increased visibility of a Master of Athletic Training, the program is projected to reach its maximum enrollment capacity before 2020. There will be no part-time students in the MAT program.

Each semester students will be required to complete clinical hours. The curriculum is designed to allow students to apply classroom knowledge to field experiences beginning their first semester of enrollment. Clinical hours will be completed at Truman State University approved clinical sites and may take place on holidays and weekends in addition to regular practice or clinic hours.

Truman State University plans to apply for national accreditation from the Commission on Accreditation of Athletic Training Education (CAATE) – the national governing body of the Athletic Training Education programs. Currently, the undergraduate athletic training program is nationally accredited by the CAATE organization. This accreditation will occur prior to the MAT program's first day of classes. The university submitted a letter of intent to the CAATE in August of 2015. The formal application will be due to the CAATE by August 1, 2016 submitted on eAccred (online reporting program), located on the CAATE website.

Prichett, Angelette

From: Haddock, Gregory [HADDOCK@nwmissouri.edu]
Sent: Thursday, January 28, 2016 12:53 PM
To: HE.Academic Program Actions
Cc: Prichett, Angelette
Subject: Proposals from Northwest for April CBHE meeting
Attachments: Northwest - add Prec Ag emphasis to GIScience major.pdf; Northwest - MA Strategic Comm New Program.pdf; Northwest - Delete BS program in English - FormPC.pdf; Northwest - BS in Writing.pdf; Northwest - BA in Writing.pdf; Northwest - add Creative Writing emphasis to BA English.pdf; Northwest - Delete Cert Info Sys - FormPC.pdf

Angelette, attached are the proposals for the April CBHE meeting. Please let me know if you have any questions.

We are deleting a certificate and inactivating a bachelors degree, adding an emphasis to two different undergraduate programs, adding a new degree in Writing (BA and BS degrees), and adding a new graduate program. Specifically they are:

- Add Precision Ag. emphasis to GIScience major
- MA in Strategic Communication
- Delete B.S. in English (note the CIP listed in the collegeseach program inventory was coded as an education CIP)
- Add B.S. in Writing (incl. emphasis in Professional Writing)
- Add B.A. in Writing (incl. emphasis in Creative Writing and Publishing)
- Add Creative Writing emphasis to B.A. in English
- Delete Certificate in Information Systems

The English proposals may seem confusing in the intent, so I added this to the second page of the inactivate proposal for BS in English:

Currently, Northwest Missouri State University offers the following undergraduate programs in English that are outside of the Education programs (BSEd):

Bachelor of Arts - English | 4 Year Degree | CIP:230101 ← (existing)

Bachelor of Science – English (Comprehensive major) | 4 Year Degree | CIP: 230101 ← (inactive)
(Note, it is incorrectly numbered 131305 in the inventory)

After the proposals considered this month, we seek to offer:

Bachelor of Arts - English | 4 Year Degree | CIP:230101 ← (existing)
OPTION: Creative Writing ← (new option proposed)

Bachelor of Arts – Writing | 4 Year Degree | CIP:231301 ← (new major proposed)
OPTION: Creative Writing and Publishing

Bachelor of Science - Writing | 4 Year Degree | CIP:231301 ← (new major proposed)
OPTION: Professional Writing

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